

### **ABSTRACT OF THE DISCLOSURE**

[00100]

Systems and methods for configuring a logical port, which in one embodiment among many, can be broadly summarized by a representative method of transmitting on a first logical port, a message requesting a test of a second logical port; receiving an acknowledgement message on the first logical port; and then compiling a configuration result based on receipt of a test message through the second logical port and/or a timeout period during which the test message is not received through the second logical port. Another embodiment can be described as a configuration program stored on a computer-readable medium, the program being used to perform a communication test between a first client computing element and a server computing element to discover the status of a port of the first client computing element, where the port is used in an application program that provides communication between the first client computing element and a second client computing element.